

2/7/1DIALOG(R) File 351:Derwent WPI
(c) 2001 Derwent Info Ltd. All rts. reserv.

010488838

WPI Acc No: 1995-390236/199550

Spice having antibacterial activity against methicillin-resistant Staphylococcus aureus - used for treating incurable and infectious diseases and food poisoning

Patent Assignee: KANEKA SUNSPICE KK (KANE-N); OSAKA CITY (OSAQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7267873	A	19951017	JP 94266846	A	19941031	199550 B

Priority Applications (No Type Date): JP 9415322 A 19940209

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7267873	A	10	A61K-035/78	

Abstract (Basic): JP 7267873 A

Spice has anti-bacterial activity against Methicillin resistant Staphylococcus aureus (MRSA).

Also claimed are (i) the extracts from the spice having antibacterial activity against MRSA; (ii) antibacterial agent contg. the spice or its extracts; (iii) spice having antibacterial activities against MRSA and food poisoning; and (iv) antibacterial agent contg. the spice and food poisoning bacteria or its extracts.

The spice pref. comprises clove, all spice, oregano, cinnamon, rosemary, nutmeg, or sage. The antibacterial agent is pref. the extracts from rosemary or sage. The food poisoning bacteria are pref. *Salmonella*, *E. Coli*, or *Campylobacter*.

USE - The agent used for treating incurable and infectious diseases caused by MRSA, and food poisoning. The antibacterial agent is highly safe, and applied as disinfectant or bactericide as fibre having sterile filtration activity, or used for cleaning a room or for washing dishes.

The antibacterial agent may be formulated into an injection for parenteral admin.; or tablets, capsules, (fine) granules or powders for oral admin.; or suppositories, external liq. or ointment for topical use.

In an example - on mueller-hinton agar-agar medium (BBL) (20ml) was spread each bacterial soln. (0.1 ml) After the surface was dried, each spice (10-50 mg) was put, and cultured at 37 deg.C for 1 day. Stopping circles around the spices were found which proved to be positive to the first screening. The results showed that clove, cinnamon, oregano and all spice were effective against *E. Coli*, *Salmonella*, *Staphylococcus aureus* and *Campylobacter*.

Dwg.0/0

Derwent Class: B04; D22

International Patent Class (Main): A61K-035/78

International Patent Class (Additional): A01N-065/00; A61K-045/00

?